

Intel compiler upgrade underway on ...

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Oct 18, 2007 On the Tech-talk meeting Feb 28th, the NAS team discussed the addition of Intel compilers v10.0 and v10.1 to the Columbia Altix system. Be on the lookout for these compilers if you require them for your code.

If you have any comments about successes or failures you've noticed with these compiler versions, please feel free to contribute to this discussion and we can communicate your happiness or frustration to the team. Tags: columbia, nas, ames, intel, compiler, upgrade

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Oct 18, 2007 **1. Re: Intel compiler upgrade underway on Columbia** Mar 27, 2008 3:11 PM

Here's an update to the situation, they will be removing old Intel compilers on their systems. The following email was sent to NAS users:

FOR WHOM: All Columbia users

WHAT: Old/broken compilers will be removed from the system.

WHY: Intel no longer supports many of the older compilers, and some versions of the compilers have bugs. To facilitate the move to new versions of the operating systems, users need to move to supported compilers. In addition, there is a need to make room for new software and new applications.

WHEN: April 1, 2008.

IMPACT TO USERS: Users may have to switch to a different version of the compiler.

DETAILS:

The following compilers will be available:

8.1.034 (with the fix for buffered i/o bug into the libraries)

9.1.049 (with the i/o fix)

10.0.026

10.1.008 and higher

Access to the following compilers will be restricted. Access must be requested

and is available only to assist users in porting their code to a supported compiler.

7.1.032

7.1.042

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8.1.024 (add the fix for buffered i/o bug into the libraries)

8.1.037 (add the fix for buffered i/o bug into the libraries)

9.1.039 (add the fix for buffered i/o bug into the libraries)

10.0.023

10.0.025

The following compilers are broken and should not be used.

Access must be requested and is available only to assist users in porting their code

to a supported compiler.

8.0.070

9.0.024

9.0.026

9.0.033

All other compilers will be removed. Compilers on the two "restricted" lists will be removed at the next major upgrade to the operating system, in about a year.

If you have any questions or problems or request access to a restricted compiler, please send email to support@nas.nasa.gov or call 1-800-331-8737 or 1-650-604-4444.